

Anti-Phospho-VIM-S39 antibody (STJ117904)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

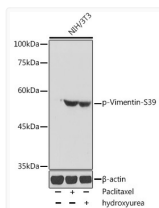
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:100 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.01% Thimerosal, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 54kDa Observed Mw: 57kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

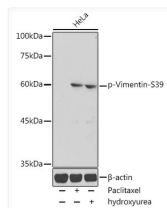
Gene ID	7431
Gene Symbol	VIM
UniProt ID	VIME_HUMAN
Immunogen Sequence	TYSLG
Specificity	A synthetic phosphorylated peptide around S39 of human VIM (NP_003371.2).

ADDITIONAL INFORMATION

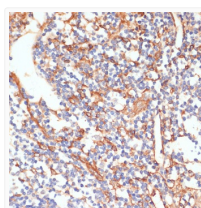
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Western blot analysis of lysates from NIH/3T3 cells, using Phospho-Vimentin-S39 Rabbit pAb (STJ117904) at 1:1000 dilution. NIH/3T3 cells were treated by Pacitaxel (100 nM/ml) at 37 °C for 20 hours. NIH/3T3 cells were treated by Hydroxyurea (4 mM) at 37 °C for 20 hours. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.
 Lysates/proteins: 25 Mu g per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Enhanced Kit
 Exposure time: 1s.



Western blot analysis of lysates from HeLa cells, using Phospho-Vimentin-S39 Rabbit pAb (STJ117904) at 1:1000 dilution. HeLa cells were treated by Pacitaxel (100 nM/ml) at 37 °C for 20 hours. HeLa cells were treated by Hydroxyurea (4 mM) at 37 °C for 20 hours. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.
 Lysates/proteins: 25 Mu g per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Basic Kit
 Exposure time: 180s.



Immunohistochemistry analysis of paraffin-embedded Human appendix using Phospho-Vimentin-S39 Rabbit pAb (STJ117904) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to immunohistochemistry staining.